Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Division

Name of Work: Improvements of Roads and Drains at Kalli Bhavi Road and Surrounding Areas in Ward no.01 of Yelahanaka Sub Division.

Modified Schedule - B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
1	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications	Cum	895.55	225.94	Rupees Two Hundred Twenty Five And Paise Ninety Four Only
2	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. Data Rate				
	a) 40mm Jelly	Cum	0.00	1995.10	Rupees One Thousand Nine Hundred Ninety Five And Paise Ten Only
	b) 20mm Jelly	Cum	0.00	1995.10	Rupees One Thousand Nine Hundred Ninety Five And Paise Ten Only
	c) Coarse sand.	Cum	0.00	2782.22	Rupees Two Thousand Seven Hundred Eighty Two And Paise Twenty Two Only
	d) Fine Sand	Cum	0.00	2782.22	Rupees Two Thousand Seven Hundred Eighty Two And Paise Twenty Two Only
	e) 12.5mm chips	Cum	0.00	1995.10	Rupees One Thousand Nine Hundred Ninety Five And Paise Ten Only

	Description of Item	Unit	Quantity	Rate In Figures	Rate In Words
	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984- 995 with latest amendments and conveyingto work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for : HDPE Grade PE80-PN6.0, 630 mm dia. (Perforated Pipe for Rain Water Harvesting Pit)	Rmt	0.00	11358.02	Rupees Eleven Thousand Three Hundred Fifty Eight And Paise Two Only
4	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified indrawings or as approved by Engineer Incharge. Data Rate	Sqm	0.00	74.55	Rupees Seventy Four And Paise Fifty Five Only
5	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	328.04	5690.28	Rupees Five Thousand Six Hundred Ninety And Paise Twenty Eight Only
6	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal	Cum	234.50	7420.17	Rupees Seven Thousand Four Hundred Twenty And Paise Seventeen Only
7	KSRRB M2200-8. Providing weep holes in Brick masonry / Plain / Reinforced concrete abutment, wing wall / return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing force. Complete as per drawing and Technical Specifications including cost of materials, labour, HOM complete as per specifications. MORTH Specification No.2706 & 2200	Nos	50.00	163.53	Rupees One Hundred Sixty Three And Paise Fifty Three Only

	Description of Item	Unit	Quantity	In Figures	In Words
	KSRRB - M2300-14: Providing TMT steel reinforcement in R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500.	Tn	13.30	77654.86	Rupees Seventy Seven Thousand Six Hundred Fifty Four And Paise Eighty Six Only
9	Providing and Fixing pre cast covering Slab 100mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)	Sqm	845.91	2452.68	Rupees Two Thousand Four Hundred Fifty Two And Paise Sixty Eight Only
10	Providing and fixing RCC precast cover slab of 250mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	57.45	5686.19	Rupees Five Thousand Six Hundred Eighty Six And Paise Nineteen Only
11	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete. As per the direction of Engineer incharge.	Nos	725.00	453.89	Rupees Four Hundred Fifty Three And Paise Eighty Nine Only
12	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6.	Sqm	114.24	89.00	Rupees Eighty Nine Only

No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
13	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. Loading and unloading with 8km lead	Cum	369.32	1021.60	Rupees One Thousand Twenty One And Paise Sixty Only
14	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to	Cum	221.59	5468.90	Rupees Five Thousand Four Hundred Sixty Eight And Paise Ninety Only

Executive Engineer
BBMP Bangalore